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PN - JP8039580 A 19960213
 PD - 1996-02-13
 PR - JP19940178178 19940729
 OPD - 1994-07-29
 TI - MANUFACTURE OF RESIN TUBE JOINT
 IN - NAKAGAWA HIROHIDE; TAKAO KIMITOKU; GOTO NOBUHIRO
 PA - SEKISUI CHEMICAL CO LTD
 IC - B29C39/10 ; B29C39/34 ; B29K105/12 ; B29L31/24

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TI - Prodn. of resin pipe joint - by inserting inflatable tube into cylindrical fabric, introducing pressurised fluid to inflate tube, introducing resin, etc.

PR - JP19940178178 19940729

PN - JP8039580 A 19960213 DW199616 B29C39/10 007pp

PA - (SEKI) SEKISUI CHEM IND CO LTD

IC - B29C39/10 ; B29C39/34 ; B29K105/12 ; B29L31/24

AB - J08039580 The prodn. involves mounting an inner mould (A) in an outer mould (4), placing a resin material, solidifying, and removing from the mould to produce a resin pipe joint. A cylindrical fabric (2) which is an outer peripheral member of the inner mould is prepd. Into the cylindrical fabric, an inflatable tube (3) is inserted. A fluid is introduced under pressure into the tube to inflate the tube, where the inner mould is assembled in the outer mould. A resin material is introduced inside of the outer mould while the fabric is kept in the inflated state. After the resin is solidified, the outer mould is removed, and the tube and the fabric are released.

- USE - Useful for pipe joints having undercuts and reverse tapered portions provided in the inner walls thereof.

- ADVANTAGE - Conventional split-type mould core capable of being contracted is not used. The assembly or disassembly of the inner mould can be easily carried out. The inner mould is inexpensive. The pipe joint can be formed by casting or injection.

- (Dwg.2/4)

OPD - 1994-07-29

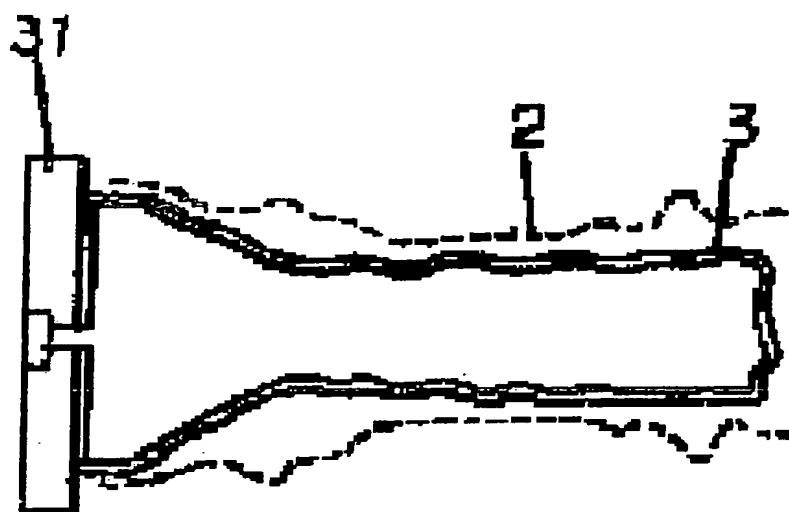
AN - 1996-155986 [16]

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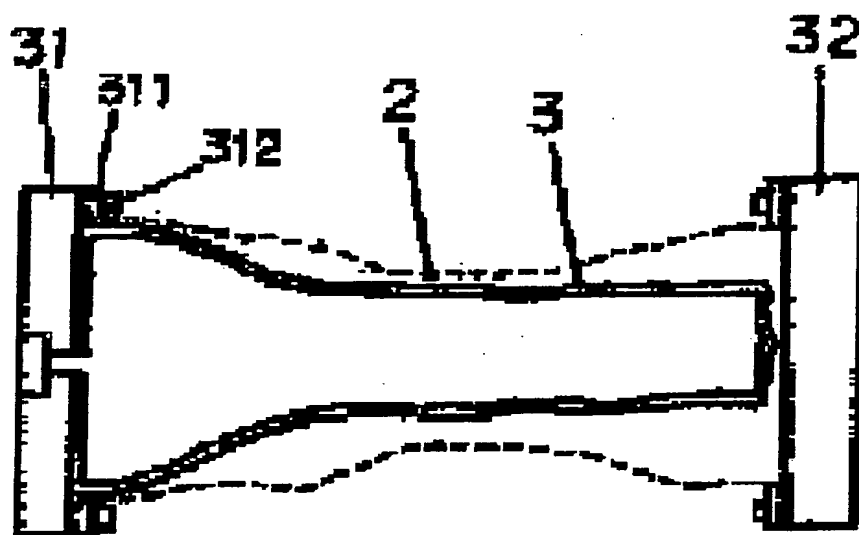
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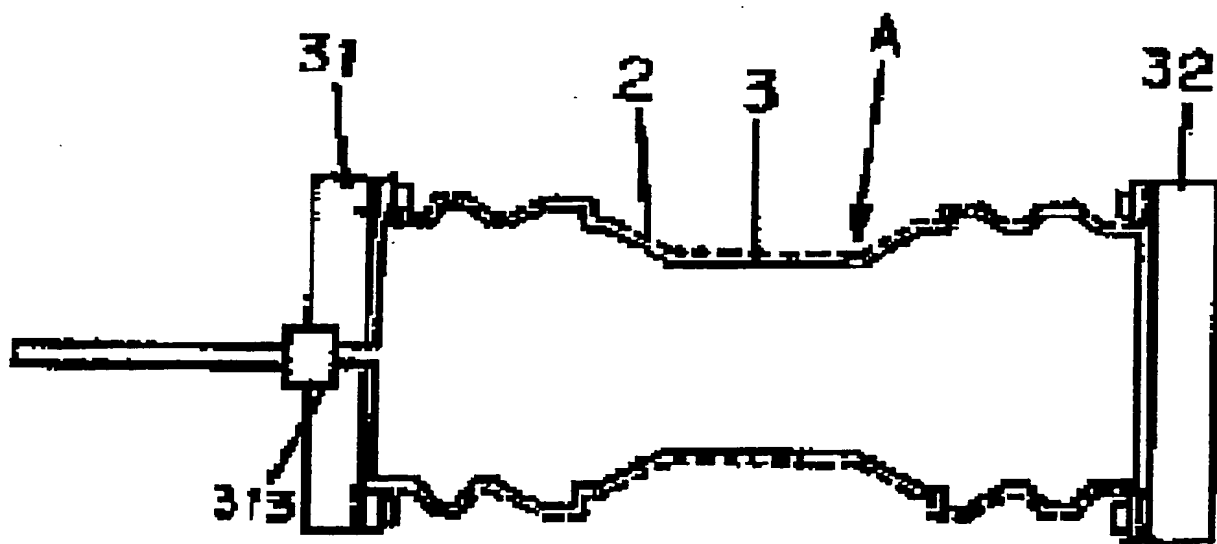
- AP - JP19940178178 19940729
- IN - NAKAGAWA HIROHIDE; others:02
- PA - SEKISUI CHEM CO LTD
- TI - MANUFACTURE OF RESIN TUBE JOINT
- AB - PURPOSE: To improve the productivity and to reduce the cost by using as an inner mold a simple structure in which assembling and releasing are easy when a resin tube joint is manufactured by an injection molding method, etc.
- CONSTITUTION: The method for manufacturing a resin tube joint comprises the steps of preparing a cylindrical woven fabric 2 of the outer peripheral material of an inner mold A, inserting an expandable tube 3 into the fabric 2, expanding the tube 3 by press injecting a fluid, assembling the mold A, assembling the mold A in an outer mold 4, pouring a resin material in the mold 4 while holding the expanded state of the fabric 2, solidifying the poured resin, releasing the outer mold, and then releasing the tube 3 and the fabric 2.
- SI - B29K105/12 ;B29L31/24
- I - B29C39/10 ;B29C39/34



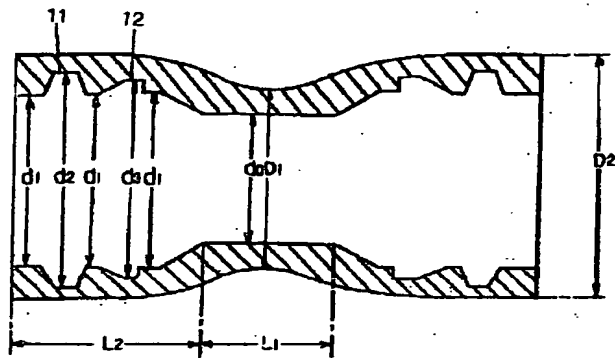
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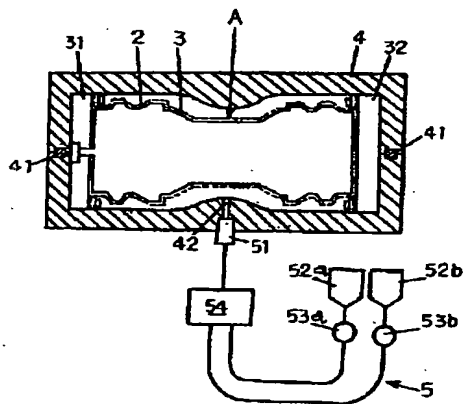
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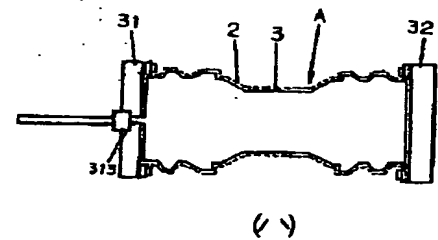
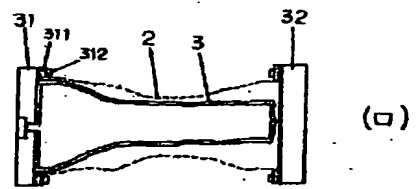
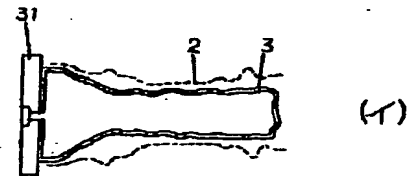
【図1】



【図3】



【図2】



【図4】

